

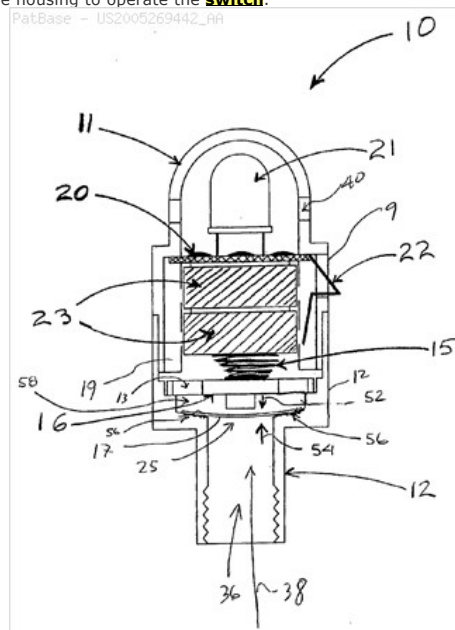
Diego Gonzalez

Abstract: Source: US2005269442A An apparatus for sealing and illuminating a **balloon** includes a housing for sealing insertion into a neck of a **balloon**. A flow path within the housing conducts an inflation gas from an inlet to an outlet of the housing, and a flow control system disposed in the flow path allows the inflation gas to flow from the inlet to the outlet. The apparatus includes a **light** source mounted in conjunction with the housing and a power source disposed within the housing providing power for the **light** source. A **switch** mounted in conjunction with the housing is operable to selectively connect the power source to the **light** source by completing a circuit between the power source and the **light** source. The apparatus also includes a **switch** activating member annularly disposable around the housing to operate the **switch**.

International (IPC 8-9): A63H27/00 A63H27/10 A63H30/04 A63H33/22 B44C5/00
B44C5/08 B64B1/40 F21S8/00 F21V23/04 F21V33/00 G09F13/00 G09F13/04 G09F13/20
G09F19/00 G09F21/06 G09F21/08 G09F21/10 (Advanced/Invention);
B64B1/40 F21V33/00 (Advanced/Non-invention);
B64B1/00 F21V33/00 (Core/Invention)

CPC: A63H27/10 A63H2027/1041 A63H2027/1058 F21V23/04 F21Y2101/02 G09F21/10 F21V3/023 G09F13/00

US: 244/24 244/31 244/31P



Publication number	Publication date	Application number	Application date
AU2005252194 AA	20051222	AU20050252194	20050601
AU2005252194 AB	20080925	AU20050252194	20050601
AU2005252194 BB	20111103	AU20050252194	20050601
CA2568861 AA	20061204	CA20052568861	20050601
CA2568861 C	20100810	CA20052568861	20050601
CN100514397 C	20090715	CN200580018383	20050601
CN101198517 A	20080611	CN200580018383	20050601
EP1758789 A2	20070307	EP20050756331	20050601
EP1758789 A4	20080521	EP20050756331	20050601
JP2008501423 T2	20080124	JP20070515487T	20050601
JP4722916 B2	20110713	JP20070515487T	20050601
KR100860724 B1	20080929	KR20067026795	20050601
KR20070032953 A	20070323	KR20067026795	20050601
US2005269442 AA	20051208	US20050143278	20050601
US2009084892 AA	20090402	US20080332631	20081211
US2010147994 AA	20100617	US20090505072	20090717
US7478779 BB	20090120	US20050143278	20050601
US7571875 BB	20090811	US20080332631	20081211
US7922116 BB	20110412	US20090505072	20090717
WO05120946 A2	20051222	WO2005US19079	20050601
WO05120946 A3	20071122	WO2005US19079	20050601

US20040577329P 20040605 US20050143278 20050601 WO2005US19079 20050601
US20080332631 20081211 US20090505072 20090717

Assignee(s): (std): LOGAN NGUYEN : NGUYEN LOGAN : NGUYEN LOGAN A : NGUYEN PHU : NGUYEN PHU NGUYEN LOGAN A : PHU NGUYEN

Inventor(s): (std): NGUYEN LOGAN A : NGUYEN PHU : PHU NGUYEN

Inventor(s): LOGAN A NGUYEN

Agent(s): BEUSSE BROWNLEE WOLTER MORA AND MAIRE P A; CHRISTINE Q MCLEOD; BEUSSE WOLTER SANKS MORA AND MAIRE PA; MCLEOD CHRISTINE Q; CHRISTINE Q; CHRISTINE

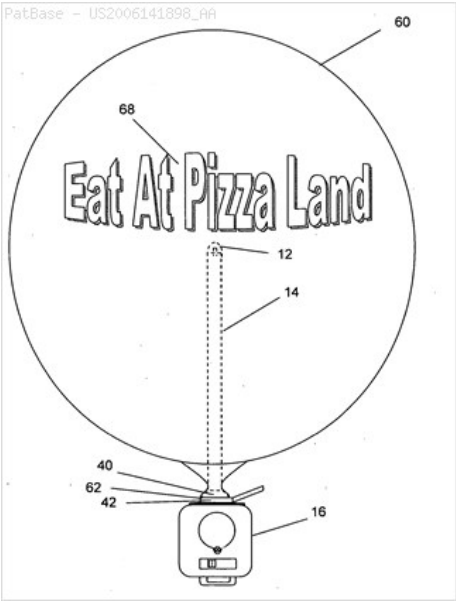
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Title: INTERNAL BALLOON ILLUMINATION APPARATUS FOR AND METHOD

Abstract: Source: US2006141898A An apparatus for illuminating a balloon from within includes an illumination assembly mounted on a power supply unit. The assembly includes a hollow cylindrical body having a light source (e.g., LED) disposed at one end and electrical inputs protruding from another end. The body of the power supply unit is provided at one end thereof with a shoulder flange and cylindrical spacer to facilitate sealing of the balloon against the assembly. The power supply unit receives power from a power source (e.g., battery), and supplies power to circuitry for controlling the light source. Preferably, the assembly, made of light-weight plastic materials, together with the power source, weighs less than the lift of a helium-filled balloon in which it may be installed.

Classifications:

International (IPC 8-9): A63H3/06 F21V1/06 (Advanced/Invention)
CPC: A63H27/10 A63H2027/1058 F21V3/023 G09F15/0025 G09F21/06 G09F21/10
European: A63H27/10 F21V3/02F G09F15/00B4 G09F21/06 G09F21/10 K63H27/10L
US: 362/362 362/84 446/219 446/220 446/220P



Family:

Publication number	Publication date	Application number	Application date
US2006141898 AA	20060629	US20050316582	20051221
US2007167107 AA	20070719	US20060640054	20061215
US7204740 BB	20070417	US20050316582	20051221
WO06071729 A2	20060706	WO2005US46605	20051221
WO06071729 A3	20061109	WO2005US46605	20051221

Priority:

US20040639127P 20041223 US20050316582 20051221 US20060640054 20061215

Probable Assignee: LIGHT UP BALLOON STICK CO INC

Assignee(s): (std): LIGHT UP BALLOON STICK CO INC ; PETELL MICHAEL ; PETELL MICHAEL C

Assignee(s): LIGHT UP BALLOON STICK CO

Inventor(s): (std): PETELL MICHAEL C ; PETELL MICHAEL CARL ; HEINING TREB

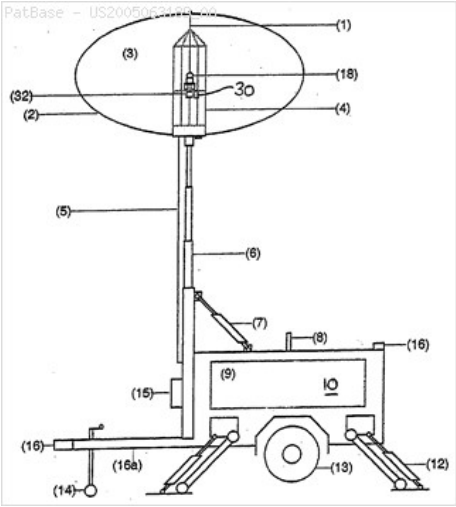
Agent(s): INNOVATION MANAGEMENT SCIENCES; CISLO AND THOMAS LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: Mobile lighting system

Abstract: Source: US2005063189A A portable lighting apparatus includes an envelope which contains a frame supporting an illuminating device typically an electric light bulb inside the envelope. The envelope is mounted on a telescopic mast supported by a movable base element incorporating stabilising legs. The envelope may be inflatable or rigid. For an inflatable envelope, various sensors are provided for sensing deformation of the envelope and/or pressure in the envelope including a photosensor. A means to supply air or other gas to inflate the envelope are provided. A rigid envelope formed from two conjoined sheets of acrylic deformed into dome shapes is also disclosed which overcomes many of the problems of inflatable envelopes particularly, their slow inflation rate, the tendency to deform due to air currents and the adverse effect of punctures. Although a fan is not required for inflation of the rigid envelope fan forced air is preferred for cooling the electric light bulb.

Classifications:
International (IPC 8-9): F21L14/04 F21S8/00 F21V21/22 F21V29/02 F21V3/00 F21V33/00 G09F21/06 (Advanced/Invention); F21L14/00 F21S8/00 F21V21/14 F21V29/00 F21V3/00 G09F21/00 (Core/Invention)
International (IPC 1-7): A63H3/06 F21L14/04 F21S13/10 F21S8/00 F21V15/00 F21V21/22 F21V3/00 G09F21/06
CPC: B60P3/18 F21L14/04 F21V3/023 F21V21/22 F21V29/02 G09F21/06
European: B60P3/18 F21L14/04 F21V21/22 F21V29/02 F21V3/02F G09F21/06
US: 362/363 362/363P 362/96



Family:

Publication number	Publication date	Application number	Application date
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AU2003229095 AA	20031202	AU20030229095	20030519
AU2003229095 BB	20070322	AU20030229095	20030519
CA2505327 AA	20050506	CA20032505327	20030519
CA2505327 C	20111025	CA20032505327	20030519
DE60330859 D1	20100225	DE20036030859	20030519
DK1508000 T3	20100503	DK20030724624T	20030519
EP1508000 A1	20050223	EP20030724624	20030519
EP1508000 A4	20090415	EP20030724624	20030519
EP1508000 B1	20100106	EP20030724624	20030519
ES2337778 T3	20100429	ES20030724624T	20030519
PT1508000 T	20100309	PT20030724624T	20030519
US2005063189 AA	20050324	US20040991701	20041117
US7246913 BB	20070724	US20040991701	20041117
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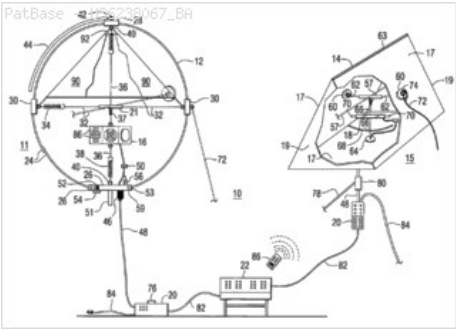
Priority:
AU2002PS02419 20020520 AU20030229095 20030519 WO2003AU00599 20030519

Probable Assignee: LUNAR LIGHTING PTY LTD
Assignee(s): (std): LUNAR LIGHTING BALLOONS AUASIA ; LUNAR LIGHTING BALLOONS AUSTRALASIA PTY LTD ; LUNAR LIGHTING PTY LTD ; OSSOLINSKI GEORGE
Assignee(s): LUNAR LIGHTING BALLOONS AUSTRALIA PTY LTD
Inventor(s): (std): GEORGE OSSOLINSKI ; OSSOLINSKI GEORGE
Agent(s): SMITH NORMAN IAN; KNOBBE MARTENS OLSON AND BEAR LLP
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: ILLUMINATED BALLOON APPARATUS

Abstract: Source: US6238067B A balloon lighting device having both polar and equatorial supports for the light source inside the balloon. Equatorial caps provide connections for light source support and for tethering of the balloon. The light source may include an array of LED's and may be connected to a dimmer to provide a variety of light intensities and wavelengths. A shroud supported from a top cap may be used to further define the illumination effect. The dimmer may function as an anchor for flexible positioning of the light or it may be hung from the balloon to conserve lay-down space. A plurality of balloon lighting devices may be controlled from a single console having DMX control capability.

Classifications:
International (IPC 8-9): A63H27/10 F21S8/00 F21V23/04 (Advanced/Invention); A63H27/00 F21S8/00 F21V23/04 (Core/Invention)
International (IPC 1-7): F21V33/00
CPC: Y10S362/806 F21V3/023 A63H27/10 A63H2027/1058 F21V23/04 F21Y2101/02 F21S8/08 F21V23/0435 F21V23/0442 F21V15/04
European: A63H27/10 F21V23/04 F21V3/02F K63H27/10L R21Y101/02
US: 362/231 362/253 362/276 362/352 362/399 362/806 362/96 446/220 446/222 446/224



Family:

Publication number	Publication date	Application number	Application date
US6238067 BA	20010529	US19990313844	19990517

Priority:
US19990313844 19990517

Probable Assignee: HIRSCH ERIC

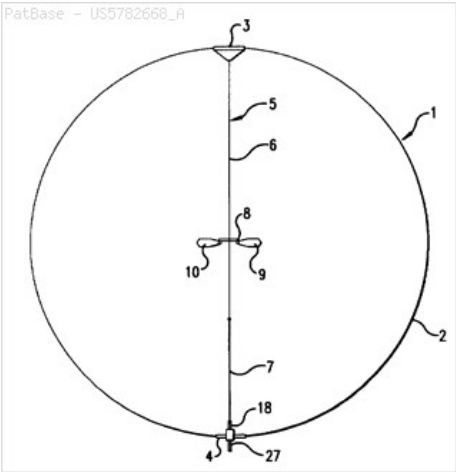
Assignee(s): HIRSCH ERIC

Inventor(s): (std): HIRSCH ERIC

Title: Illuminating inflatable **balloon**

Abstract: Source: US5782668A PCT No. PCT/FR95/00550 Sec. 371 Date Oct. 18, 1996 Sec. 102(e) Date Oct. 18, 1996 PCT Filed Apr. 27, 1995 PCT Pub. No. WO95/29739 PCT Pub. Date Nov. 9, 1995An illuminated inflatable **balloon**, with an envelope inflated with a gas, is connected to the ground by an elongate element. The envelope encloses an electrical bulb connected to an electrical power supply. Spring loaded filar elements are sensitive to the deformation of the envelope, as well as the internal **pressure** of the gas. The spring loaded filar elements cooperate with a control hairpin for actuating a **switch** interposed in the connection between the bulb and the electrical supply in order to make and break the connection on either side of a predetermined threshold.

Classifications:
International (IPC 8-9): A63B43/06 A63H27/10 A63H37/00 B64B1/50 B64B1/58 F21S8/00 F21V21/00 F21V25/04 (Advanced/Invention); A63B43/06 F21V23/04 F21V25/04 (Advanced/Non-invention); A63H27/00 B64B1/00 F21S8/00 (Core/Invention); A63B43/00 F21V23/04 F21V25/00 (Core/Non-invention)
International (IPC 1-7): A63B41/00 A63B43/06 A63H27/10 A63H37/00 B64B1/50 B64B1/52 B64B1/58 F21V21/00
CPC: F21V3/023 A63B43/06 A63H27/10 A63H2027/1058 A63H2027/1091 F21V23/04 F21V25/04
European: A63H27/10 F21S8/00P2 F21V3/02F K63B43/06 K63H27/10L K63H27/10W R21V23/04 R21V25/04
US: 446/220 446/485 446/486



Family:

Publication number	Publication date	Application number	Application date
AT154888 E	19970715	AT19950400952T	19950427
AU199524493 A1	19951129	AU19950024493	19950427
AU681792 B2	19970904	AU19950024493	19950427
BRPI9507543 A	19970805	BR1995PI07543	19950427
CA2189074 AA	19961028	CA19952189074	19950427
CA2189074 C	20040727	CA19952189074	19950427
CN1073863 C	20011031	CN19951093197	19950427
CN1148816 A	19970430	CN19951093197	19950427
CZ292906 B6	20040114	CZ19960003128	19950427
CZ9603128 A3	19970212	CZ19960003128	19950427
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DK0679413 T3	19980202	DK19950400952T	19950427
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EP0679413 B1	19970702	EP19950400952	19950427
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FR2719228 A1	19951103	FR19940005216	19940429
FR2719228 B1	19960726	FR19940005216	19940429
HU219971 B	20011028	HU19960002970	19950427
HU75892 A2	19970528	HU19960002970	19950427
HU9602970 A0	19970128	HU19960002970	19950427
JP10500870 T2	19980127	JP19950528028T	19950427
JP3267624 B2	20020318	JP19950528028T	19950427
KR100336149 B1	20021127	KR19960706082	19961028
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MX9605170 A1	19971231	MX19960005170	19961028
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NZ285412 A	19970727	NZ19950285412	19950427
PL176969 B1	19990831	PL19950320615	19950427
PL320615 A1	19971013	PL19950320615	19950427
RU2123874 C1	19981227	RU19960122870	19950427
RU96122870 A	19990127	RU19960122870	19961129
US5782668 A	19980721	US19960727422	19961018
WO9529739 A1	19951109	WO1995FR00550	19950427
ZA9503215 A	19961021	ZA19950003215	19950420

Priority:
FR19940005216 19940429 WO1995FR00550 19950427

Probable Assignee: AIRSTAR

Assignee(s): (std): AIRSTAR ; CHABERT PIERRE GABRIEL ; EHRSTAR

Assignee(s): AIRSTAR CO ; AIRSTAR ZONE ARTISANALE DE CHAMP FILA ; AIRSTAR ZONE ARTISANALE DE CHAMP FILA POISAT FR

Inventor(s): (std): CHABERT PIERRE G ; CHABERT PIERRE GABRIEL ; P ER GABRIEL SHABER

Inventor(s): P'ER GABRIEL' SHABER ; PIERRE G CHABERT ; PIERRE GABRIEL CHABERT ; CHABERT PIERRE GABRIEL F 38400 SAINT MARTIN D HE ; CHABERT PIERRE GABRIEL F 38400 SAINT MARTIN D HERE ; CHABERT PIERRE GABRIEL F 38400 SAINT MARTIN D... ; CHABERT PEIRRE GABRIEL

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK EE ES FI GA GB GE GN GR HU IS IT JP KE KG KP KR KZ LI LK LR LU LV MC MD MG ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SK SN SZ TD TG TJ TM TT UA UG US UZ VN

Title: METHODS AND APPARATUS FOR ENHANCING INFLATABLE DEVICES

Abstract: Source: US2004116039A Methods and apparatus for enhancing an inflatable device. In one example, a first component adapted to generate at least one of **light** and sound is coupled to a second component that is adapted to facilitate insertion into an inflatable device. The first component may be an LED-based **light** source configured to generate single or multi-colored **light** in an interior space of the inflatable device once inserted into the inflatable device. The second component may be particularly configured with one or more valves or seals to facilitate a transfer of a substance (e.g., an inflating substance) into the inflatable device once the first and second components are inserted into the inflatable device. The second component also may be configured to conveniently facilitate an effective seal between the second component and the inflatable device.

Classifications:

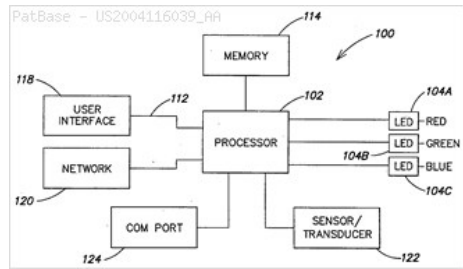
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A63H27/00 A63H3/00 (Core/Invention)

International (IPC 1-7): A63H27/10 A63H3/06

CPC: A63H27/10 A63H2027/1041 F21V3/023 F21V23/04 F21V23/0442 F21Y2101/02 F21Y2113/005

European: A63H27/10 F21V3/02F K63H27/10H R21Y101/02

US: 446/220 446/220P 446/224 446/485



Family:

Publication number	Publication date	Application number	Application date
AU2003231159 AA	20031110	AU20030231159	20030428
US2004116039 AA	20040617	US20030422623	20030424
US7364488 BB	20080429	US20030422623	20030424
WO03090890 A1	20031106	WO2003US13131	20030428
WO03090890 C2	20040506	WO2003US13131	20030428

Priority:

US20020375856P 20020426 US20030422623 20030424 WO2003US13131 20030428

Probable Assignee: PHILIPS SOLID STATE LIGHTING SOLUTIONS INC

Assignee(s): (std): COLOR KINETICS INC ; PHILIPS SOLID STATE LIGHTING

Assignee(s): COLOR KINETICS INCORPORATED ; DOWLING KEVIN J ; MUELLER GEORGE G ; OSTERHOUT RALPH ; PHILIPS SOLID STATE LIGHTING SOLUTIONS INC

Inventor(s): (std): DOWLING KEVIN J ; GEORGE G MUELLER ; KEVIN J DOWLING ; MUELLER GEORGE G ; OSTERHOUT RALPH ; RALPH OSTERHOUT

Agent(s): WOLF GREENFIELD AND SACKS PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Title: Aerostatic lighting device

Abstract: Source: US6142415A A lighter than air lighting device is disclosed comprising a dual envelope balloon providing an inner, gastight, elastic, transparent, expandable polymeric envelope such as polyurethane, containing a lighter than air medium such as helium, and a replaceable lighting device such as a halogen or arc lamp. The helium thus functions to both elevate and cool the lighting device. The inner, transparent envelope is surrounded by an outer envelope such as a colored silk or nylon which functions as a diffuser to provide sufficient illumination without dazzling the user. The outer envelope may also be used to carry information and advertizing messages.

Classifications:

International (IPC 8-9): A63H27/10 B64B1/58 F21S8/00 F21V21/00 G09F13/04

G09F21/06 G09F21/10 (Advanced/Invention);

A63H27/10 G09F13/04 (Advanced/Non-invention);

B64B1/00 F21S8/00 G09F13/04 G09F21/00 (Core/Invention);

A63H27/00 (Core/Non-invention)

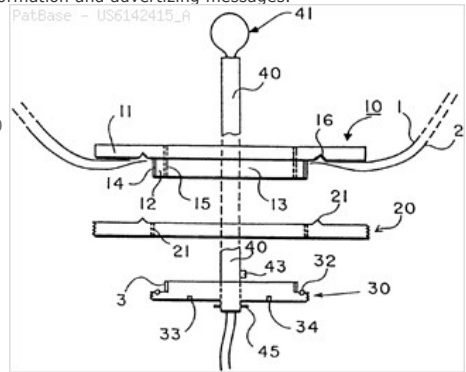
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CPC: A63H2027/1058 F21V3/023 G09F21/10

European: F21V3/02F G09F21/10 K63H27/10L

US: 244/33 362/267 362/363 362/96 446/220



Family:

Publication number	Publication date	Application number	Application date
AU199515814 A1	19950815	AU19950015814	19950126
CA2182089 AA	19960725	CA19952182089	19950126
CN1143409 A	19970219	CN19951091833	19950126
EP0742881 A1	19961120	EP19950907707	19950126
FR2715994 A1	19950811	FR19940001099	19940127
FR2715994 B1	19960426	FR19940001099	19940127
JP8044308 A2	19960216	JP19950011947	19950127
US6142415 A	20001107	US19950373860	19950117
WO9520742 A1	19950803	WO1995FR00090	19950126

Priority:

FR19940001099 19940127 WO1995FR00090 19950126

Probable Assignee: FARGES OLIVIER

Assignee(s): (std): FARGES OLIVIER G M ; AMBRICO FRANCESCO ; PLEINE LUNE INTERNATIONALE ; ORIBIA JII EMU FUAAJIIIZU

Assignee(s): PLEINE LUNE INTERNATIONAL ; FARGES OLIVIER ; FARGES OLIVIER G M LE CLOS MARIE LOUISE C O MRS BL ; PLEINE LUNE INT

Inventor(s): (std): AMBRICO FRANCESCO ; FRANCESCO AMBRICO ; FURANSESUKO AMUBURIKO

Designated states: AT AU BE CA CH CN DE DK ES FR GB GR IE IT JP KR LU MC NL PT SE US

Title: **BALLOON** INFLATING AND ILLUMINATING DEVICE

Abstract: Source: US7147536B A **balloon** illumination and inflation device has a tubular housing assembly comprising a **balloon** neck attachment at one end, an inflation mouthpiece at an opposite end; an air valve adjacent the mouthpiece, a lamp mount adjacent the one end to direct **light** into the attached **balloon**; an internal battery mount and a **switch** to connect the lamp to the battery circuit for illumination of the **balloon** interior. The **switch** is formed by first and second tubular housing members relative rotatable to close the air valve means and simultaneously to connect the battery circuit to the lamp.

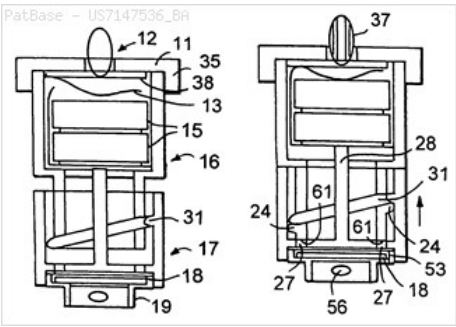
Classifications:

International (IPC 8-9): A63H3/06 (Advanced/Invention)

CPC: A63H27/10 A63H2027/1033 A63H2027/1058 A63H2027/1083 F21V3/023

European: A63H27/10 F21V3/02F K63H27/10G K63H27/10L K63H27/10V

US: 362/253 362/363 446/220 446/485



Family:

Publication number	Publication date	Application number	Application date
US7147536 BA	20061212	US20040871257	20040617
US7318765 BA	20080115	US20060327905	20060109

Priority:

US20030482789P 20030626 US20040871257 20040617 US20060327905 20060109

Probable Assignee: HARTELIUS MARK E

Assignee(s): (std): HARTELIUS MARK E

Inventor(s): (std): HARTELIUS MARK E

Agent(s): ROBERT W J; USHER ROBERT W J

Title: INTERACTIVE ENTERTAINMENT DEVICE FOR LIGHTER-THAN-AIR BALLOONS

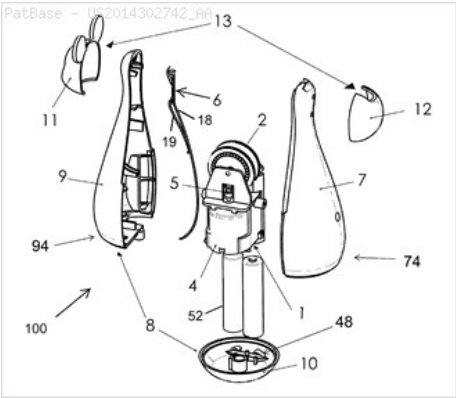
Abstract: Source: US2014302742A A hand-held interactive entertainment device which winds and unwinds a lighter-than-air balloon on a tether by applying pressure to the device.

Classifications:

International (IPC 8-9): A63H27/10 B64B1/50 (Advanced/Invention)

CPC: A63H2027/1008 A63H2027/1041 A63H27/10

US: 446/220



Family:

Publication number	Publication date	Application number	Application date
US2014302742 AA	20141009	US20120354882	20121029
WO13063606 A1	20130502	WO2012US62485	20121029

Priority:
US20110552939P 20111028 WO2012US62485 20121029 US20120354882 20121029

Probable Assignee: BERK JED

Assignee(s): (std): BERK JED

Inventor(s): (std): BERK JED

Agent(s): FEDRICK MICHAEL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DOLLS

Abstract: Source: GB1523719A 1523719 Dolls c J J NEUSCHATZ 26 Nov 1975 [27 Nov 1974 1 Feb 1975] 51334/74 and 4606/75 Heading A6S A doll comprises a slidable contact **switch** 11 which in the closed position causes the doll to exhibit a symptom of an illness by a detectable change in at least one surface quality of the doll, which symptom may be alleviated by applying treatment to the doll comprising opening of said **switch**. A high "temperature" may be produced by electrical heating element 9 in the forehead of the doll, or red spots may be generated by a lamp inside the doll and a partially opaque screen on the dolls interior surface. A child may check the "condition" of the doll by taking its "temperature" with a thermometer comprising an indicator 56, slidable in outer case 50, which is forced into said outer case to a greater extent past normal mask 53 when **switch** 11 is closed and the doll is "sick". The doll is "treated" by insertion of a spoon or pill into its mouth which causes opening of **switch** 11. **Switch** 11 may be connected via linkages to enable the "temperature" to be taken anally. In another embodiment the doll is provided with inflatable portions to simulate "mumps" and in this case movement of **switch** 11 allows egress of air from the inflated portions. In a further embodiment a rotating wheel having radial projections is employed to produce heart-beat like noises by the projections striking a surface wherein the speed of rotation of the wheel and thus the heart can be varied. The doll may also be provided with recording apparatus to indicate its 'condition, coughing apparatus, surgical incision closed with hook and eye inter-engaging strips, inflatable limbs of articulated or multipoint construction to simulate a beak the Setting of which is effected by inflation of said **balloon**. The doll may close its eyes in response to an injection and then reopen after a predetermined time The doll may have eyes which move in response to the presence of a magnet, e.g., the eyes may close when an anaesthetic mask is placed on its face: or correct alignment of the eyes achieved when glasses are fitted.

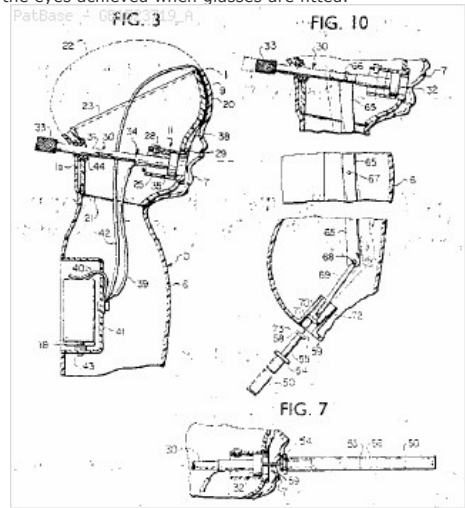
Classifications:

International (IPC 8-9): A63H3/00 A63H3/33 A63H3/48 (Advanced/Invention); A63H3/00 (Core/Invention)

International (IPC 1-7): A63H3/00 A63H3/20 A63H3/33 A63H3/40 A63H3/48

CPC: A63H3/001 A63H3/48

European: A63H3/00B A63H3/48



Family:

Publication number	Publication date	Application number	Application date
GB1523719 A	19780906	GB19740051334	19751126

Priority:

GB19740051334 19751126

Probable Assignee: NEUSCHATZ J J

Assignee(s): (std): NEUSCHATZ J J

Title: APPARATUS FOR ASSEMBLY OF VALVES AND INSERTION INTO INFLATABLE ARTICLES

Abstract: Source: US3675301A An apparatus for essentially automatic assembly of two-element valve members and for placement of the assembled valve members into inflatable articles such as, for example, balloons. Means are disclosed wherein the elements of the valve are carried through a plurality of successive work stations wherein the valve is assembled, and, in an exemplary embodiment, wherein a length of string is attached to a tab of one of the valve elements and wound around a spool portion thereof, and delivered into a receiving position so that a balloon neck may be manually placed around the valve and thereafter the balloon with the associated valve is removed and ready for packaging or other disposition thereof. All of the work station operations are automatic with the exception of the inflatable article placement and this is done manually to enable inspection and quality control.

Classifications:

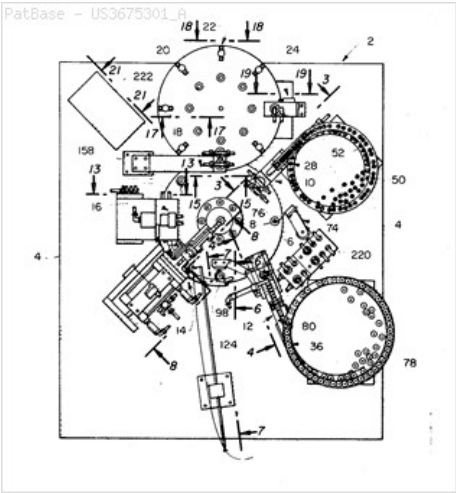
International (IPC 8-9): B23P21/00 (Advanced/Invention);
B23P21/00 (Core/Invention)

International (IPC 1-7): A63B41/00 A63H27/10 B23P19/04 B29H7/03 B60C25/18
B60C29/00 F16K1/32

CPC: Y10T29/5142 Y10T29/53026 Y10T29/53365 Y10T29/53374 Y10T29/53391
B23P21/006

European: B23P21/00B1

US: 29/208B 29/208C 29/208F 29/564.6 29/706 29/783 29/785 29/789



Family:

Publication number	Publication date	Application number	Application date
GB1320882 A	19730620	GB19720000987	19720110
US3675301 A	19720711	US19710105508	19710111

Priority:

US19710105508 19710111

Probable Assignee: WINDY 106 WEST GARDENA BLVD GARDENA CA A CORP OF CA CORP

Assignee(s): (std): BERT LANE ; GEORGE H KARLIN ; KARLIN G H ; KENNETH L MCQUARY ; LANE B

Assignee(s): WINDY CORP ; WINDY 106 WEST GARDENA BLVD GARDENA CA A CORP OF CA CORP

Inventor(s): (std): KARLIN GEORGE H ; LANE BERT ; MCQUARY KENNETH L

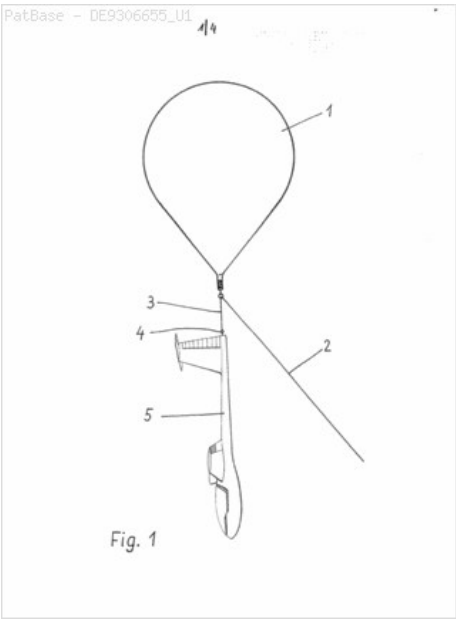
Inventor(s): KENNETH L MCQUARY ; GEORGE H KARLIN ; BERT LANE

Title: Startvorrichtung fuer Segelflugzeuge, insbesondere Modellsegelflugzeuge Start device for sail planes, gliders particular model (Machine translation)

Abstract: Source: DE9306655U1 (Claim 1) 1. Startvorrichtung fuer Segelflugzeuge, insbesondere Modellsegelflugzeuge, mit einer Hilfseinrichtung zum Befoerdern des Segelflugzeugs in die gewuenschte Starthoehe, d gekennzeichnet, dass die Hilfseinrichtung aus einem mit dem Segelflugzeug (5) koppelbaren Auftriebskoerper (1) mit einem spezifischen Gewicht leichter als Luft bzw. aus einer mit dem Segelflugzeug (5) frei bis zur Starthoehe mitgefuehrten, abwerfbaren Antriebseinheit (9) zur Ausuebung einer vorwaertsgerichteten Kraft auf das als Auftriebskoerper wirkende Segelflugzeug (5) besteht.

Machine translation: (Claim 1) 1 Starting device for sail planes, in particular model gliders, marked with an auxiliary device for carrying the glider in the desired starting height, d, that the auxiliary device from one of the glider (5) can be coupled Auftriebskoerper (1) with a specific gravity **lighter** than air or from one with the glider (5) free carried to the starting height, releasable drive unit (9) for the purpose of acting as a force on the forward facing Auftriebskoerper Glider (5) exists.

Classifications:
International (IPC 8-9): A63H27/14 B64F1/04 (Advanced/Invention);
A63H27/00 B64F1/00 (Core/Invention)
International (IPC 1-7): A63H27/14 B64F1/04
CPC: A63H27/14 B64F1/04
European: A63H27/14 B64F1/04



Family:

Publication number	Publication date	Application number	Application date
DE9306655 U1	19930819	DE19930006655U	19930503

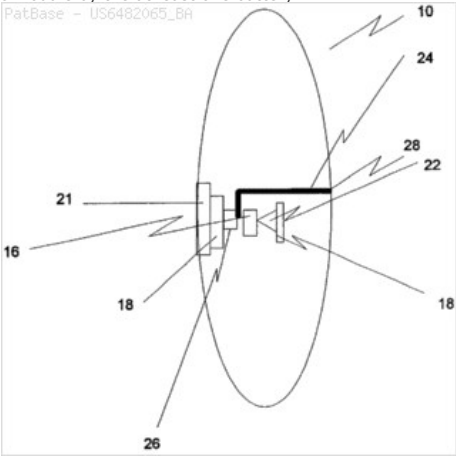
Priority:
DE19930006655U 19930503
Probable Assignee: HEIGL BIELER PETER
Assignee(s): (std): HEIGL BIELER PETER
Assignee(s): HEIGL BIELER PETER 82256 FUERSTENFELDBRUCK DE

Title: Inflatable object that contains a module that is inaccessible from the outside but which becomes powered in response to inflation of the object

Abstract: Source: US6482065B An inflatable object including an electronic module with a voice/music chip or an illumination device and at least one battery within confines of the inflatable object, an insulator being configured and arranged in a disabling position to prevent powering of the electronic module by the at least one battery, and an end of the insulator being secured to an inside surface of the inflatable object so that as opposite sides of the inflatable object spread apart in response to inflation of the inflatable object, forces are imposed on the insulating tab to force the insulating end to leave the disabling position to permit powering of the electronic module by the at least one battery.

Classifications:

International (IPC 8-9): A63H27/10 F21S8/00 (Advanced/Invention);
A63H3/06 F21V23/04 F21V33/00 (Advanced/Non-invention)
International (IPC 1-7): A63H3/06 F21V33/00
CPC: A63H3/06 A63H27/10 A63H2027/1058 F21V3/023 F21V23/04 F21V33/008
F21Y2101/02
European: A63H27/10 F21V3/02F K63H27/10L K63H3/06 R21V23/04 R21V33/00E
R21Y101/02
US: 362/96 446/220



Family:

Publication number	Publication date	Application number	Application date
US6482065 BA	20021119	US20000522123	20000309

Priority:

US20000522123 20000309

Probable Assignee: SING A TUNE BALLOONS LLC

Assignee(s): BLACKMAN JOHN A ; SING A TUNE BALLOONS LLC

Inventor(s): (std): BLACKMAN JOHN A

Title: New to blow the air-gun toy (Machine translation)

Abstract: Source: TW116485Y (Claim 1) one kind new blows the air-gun toy, its structure includes: ; As soon as makes the gun modelling (or other modelling) the body shell; In power supply, power motor, master switch, tooth gear train; Pulls the plate, the air pump, the lamps and lanterns connecting rod matches supposes, inflates; A sleeve joint airway and a control valve and front end body shell hitting; The air faucet is interlinked, end of the lamps and lanterns connecting rod establishes a light bulb; Because the air pump may always read closes it to dare to move, causes the power motor belt; Moves the turntable, but inflating; But lamp of the lamps and lanterns connecting rod end; Because has may impetus the turntable expand and contract has the shifting twinkle to move; Author; And; Establishes (or goes against side, an example) in the body shell both sides it; The ball bead plate, interior of the plate accommodates into colored, the nature light ball bead; Between ball bead plate and air pump affiliation branch pipe and affiliation control valve it; Holds controls is interlinked or blocking, air vent affiliation air vent the ball bead plate; In the tube passes arrives is equipped with propeller blade of room the propeller blade, constitutes one kind; May turn board of by the control valve trades, barometric pressure of the air pump; Delivers to hits the air faucet to inflate (for example the balloon, to spit tongue of the letter animal; Letter, lifesaving waistband. . The uses) or deliver to the ball; The bead plate pushes in the shifting plate the ball bead revolution to hold appreciatively the new toy;

Classifications:
International (IPC 1-7): A63H33/28

Family:

Publication number	Publication date	Application number	Application date
TW116485 Y	19890711	TW19870211296U	19871124